

## SECTION 28 08 00.01 00

## COMMISSIONING OF ELECTRONIC SAFETY SYSTEMS

## PART 1 GENERAL

## 1.1 SUMMARY

This Section includes commissioning (Cx) process requirements related to the testing and certification of the following electrical components, systems, assemblies, and equipment by non-CxA vendors and certification testers.

- a. Fire detection, alarm, and mass notification.

## 1.2 RELATED REQUIREMENTS

Refer to Sections 01 78 23.01 00 OPERATION AND MAINTENANCE DATA and 01 91 00.01 15 COMMISSIONING for general Cx process requirements, definition of Cx team members, and delineation of responsibilities.

Refer to Section 28 31 76.01 00 INTERIOR FIRE ALARM AND MASS NOTIFICATION for acceptance tests of fire detection, alarm, and mass notification systems.

In lieu of construction checklists, comply with requirements in Section 28 31 76.01 00 INTERIOR FIRE ALARM AND MASS NOTIFICATION specifying execution requirements for electronic safety systems, system components, equipment, and products.

## 1.3 DEFINITIONS

## 1.3.1 BoD

Basis-of-Design Document, as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.2 Cx

Commissioning, as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.3 CxA

Commissioning Authority, as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.4 CxC

**AM#9**...Commissioning Specialist for Construction...**AM#9**, as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.5 CxG

USACE Commissioning Specialist, as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.6 CCR

Contractor's Commissioning Representative, as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.7 OPR

Owner's Project Requirements , as defined in Section 01 91 00.01 15 COMMISSIONING.

## 1.3.8 Systems, Assemblies, Subsystems, Equipment, and Components

Where these terms are used together or separately, they shall mean "as-built" systems, assemblies, subsystems, equipment, and components.

## PART 2 PRODUCTS

Not Used

## PART 3 EXECUTION

## 3.1 SYSTEM FUNCTIONAL PERFORMANCE

In lieu of functional performance tests by the CxA, comply with acceptance and testing requirements in Section 28 31 76.01 00 INTERIOR FIRE ALARM AND MASS NOTIFICATION specifying inspection and acceptance testing requirements for electronic safety systems, system components, equipment, and products.

## 3.2 SYSTEM TRAINING PLAN PREPARATION

Prepare and submit training plan for Fire Alarm and Mass Notification System according to the technical requirements in Section 28 31 76.01 00 INTERIOR FIRE ALARM AND MASS NOTIFICATION, and the scheduling, review, and acceptance requirements for training plans in Sections 01 78 23.01 00 OPERATION AND MAINTENANCE DATA and 01 91 00.01 15 COMMISSIONING.

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